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Atty. Dkt. No. 034827-1303

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Doug Hui Huang
Title: HIGH THROUGHPUT
CYTOCHROME P450
GENOTYPING
Appl. No.: 10/615,497
Filing Date: 7/7/2003
Examiner: Johannsen, Diana B.
Art Unit: 1634
Confirmation Number: 8961

<p>CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.</p> <p><u>Rachel Caputo</u> (Printed Name)</p> <p><u><i>Rachel Caputo</i></u> (Signature)</p> <p><u>8/31/07</u> (Date of Deposit)</p>

AMENDMENT TRANSMITTAL

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for submission in the above-identified application is the following:

- [X] Response to Notice of Non-Compliant Amendment and Amendment and Reply Under 37 CFR 1.111 (17 pgs);
- [X] Substitute Specification (66 pgs);
- [X] Marked-up version of Substitute Specification (66 pgs);
- [X] Information Disclosure Statement Under 37 CFR § 1.56 (2 pgs); and
- [X] PTO Form SB/08 (1 pg.).

Fees required for this submission were paid by credit card via EFS-Web on May 1, 2007. Therefore, no additional fees are believed due. However, the Commissioner is hereby authorized to charge any fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741.

If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date 08/31/2007

By Barry S. Wilson

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Customer Number: 30542
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Richard Warburg, Reg. No. 32,327
By Barry S. Wilson, Reg. No. 39,431
Attorney for Applicant



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RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

AND AMENDMENT AND REPLY UNDER 37 CFR 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The present communication is responsive to the Notice of Non-Compliant Amendment mailed July 31, 2007, concerning the amendment filed May 1, 2007, which was responsive to the Office Action mailed November 1, 2006.

Amendments to the Specification begin on page 2 of this document.

Amendments to the Claims begin on page 3 of this document.

Remarks/Arguments begin on page 10 of this document.